

California Weather-Hydro Conditions during February 2010

As of February 28, 2010, statewide hydrologic conditions were as follows: precipitation, 105 percent of average to date; runoff, 65 percent of average to date; and reservoir storage, 85 percent of average for the date. Sacramento River unimpaired runoff observed through February 28, 2010 was about 5.6 million acre-feet (MAF), which is about 67 percent of average. For comparison, on February 28, 2009, the observed Sacramento River unimpaired runoff through that date was about 4.1 MAF, or about 48 percent of average.

On March 1, the Northern Sierra 8-Station Precipitation Index Water Year total was 34.3 inches, which is about 98 percent of the seasonal average to date and about 69 percent of an average water year (50 inches). During February, the precipitation total for the 8-Stations was 7.1 inches, or about 89 percent of average. Last year on March 1, 2009, the seasonal total for the 8-Stations to date was 30.1 inches, or about 86 percent of the seasonal average to date.

In general, February was relatively dry, but wet enough for seasonal precipitation totals at many populous locations to remain near or above average. February also had prolonged periods of clear skies and above normal temperatures.

Selected Cities Precipitation Accumulation as of 2/28/2010 (National Weather Service Water Year: July through June)					
City	Jul 1 to Date 2009 - 2010 (in inches)	% Avg	Jul 1 to Date 2008 - 2009 (in inches)	% Avg	% Avg "Water Year" Jul 1 to Jun 30 2009 - 2010
Eureka	24.87	91	19.96	73	65
Redding	22.64	96	17.36	73	68
Sacramento	14.36	107	11.21	84	80
San Francisco	15.17	100	11.71	77	75
Fresno	9.00	118	6.15	80	80
Bakersfield	5.44	127	3.77	88	84
Los Angeles	10.89	111	7.93	81	83
San Diego	8.06	108	8.76	117	75

Key Reservoir Storage (1,000 AF) as of 2/28/2010								
Reservoir	River	Storage	Avg Storage	% Average	Capacity	% Capacity	Flood Control Encroachment	Total Space Available
Trinity Lake	Trinity	1,173	1,851	63	2,448	48	---	1,275
Shasta Lake	Sacramento	3,380	3,370	100	4,552	74	-459	1,172
Lake Oroville	Feather	1,386	2,523	55	3,538	39	-1,585	2,152
New Bullards Bar Res	Yuba	616	622	99	966	64	-180	350
Folsom Lake	American	419	554	76	977	43	-208	558
New Melones Res	Stanislaus	1,234	1,440	86	2,420	51	-736	1,186
Don Pedro Res	Tuolumne	1,553	1,435	108	2,030	76	-137	477
Lake McClure	Merced	501	536	93	1,025	49	-174	524
Millerton Lake	San Joaquin	305	345	88	520	59	-130	215
Pine Flat Res	Kings	504	533	95	1,000	50	-315	496
Isabella	Kern	145	180	80	568	25	-100	423
San Luis Res	(Offstream)	1,439	1,759	82	2,039	71	---	600

The latest National Weather Service Climate Prediction Center (CPC) long-range, 1-month weather outlook for March 2010, issued February 28, 2010, forecasts an increased chance of above average precipitation for most of California, except for the northern quarter of the State where no tendency is suggested.